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DART AEROSPACE

Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada
Tel (613) 632-5200

RBEM652V3002101-M-7
Job Sheet 177795

Part No: RBEM652V3002101-M-7 Job Qty: 42 ea
Part Name: Stud
Part Weight: 0 lbs Status: At Planning Priority: Medium
Job Created: 5/17/18 Job Tracking No:
Due Date: 7/23/18 Created By: Logan David
Type: SOLD Description:
Note: DWG RBEM652V3002101-M Rev D IPP Rev A 18.04.02 New issue DP Verify DD
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup hrs	Run hrs	Workcenter / Supplier	Lead Time	Sign-off
90	Start up Operation	12 Ea	7/23/18	7/23/18	0.00	0.00	Start Up Machining-3		JB 18.11.04
110	CNC Lathe	12 pcs	7/23/18	7/23/18	0.00	3.00	MORI SL-154		JB 18.11.04
120	QC	12 pcs	7/23/18	7/23/18	0.00	0.00	QC2 Machining-4		JB 18.11.04
130	QC	12 pcs	7/23/18	7/23/18	0.00	0.00	QC8 Machining-4		JB 18.11.04
135	Outsource	12 pcs	7/23/18	7/23/18	0.00	0.00	Outsource1 Atlantic		18-11-05
140	Outsource	12 pcs	7/23/18	7/23/18	0.00	0.00	Outsource12 Atlantic		18-11-05
150	Packaging	12 pcs	7/23/18	7/23/18	0.00	0.00	Packaging2		NOV 15 2018
160	QC	12 pcs	7/23/18	7/23/18	0.00	0.00	QC6		NOV 15 2018
210	Packaging	12 pcs	7/23/18	7/23/18	0.00	0.00	Packaging3-1		NOV 15 2018
220	QC21-SA	12 Ea	7/23/18	7/23/18	0.00	0.00	QC21		NOV 15 2018

Part Op 110 - 1-Machine as per DWG, FC066 FOLIO REV: _____ DWG REV: _____ 2-Debur
Descriptions: 135 - 1-Issue P/O to Metcore; P/O _____ RC 35-45 2-Bead blast 3- Certificate of Conformity is required
NOTE DROP SHIP TO FINISHER Metcore to ship directly to Groupe Altech***
140 - -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-O1-R0.750	Tool Steel Round Bar 0.750 dia.	8.4000 ft (.7 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-O1-R0.750	8	4	0

Part Specifications

Specifications could not be found.



Container No: S124375



Part: RBEM652V3002101-M-7

Job No: 177795

Serial No/Batch: S124375

Revision: B

Inspector:

Exp Date:

Instructions:

Date: 11/04/18

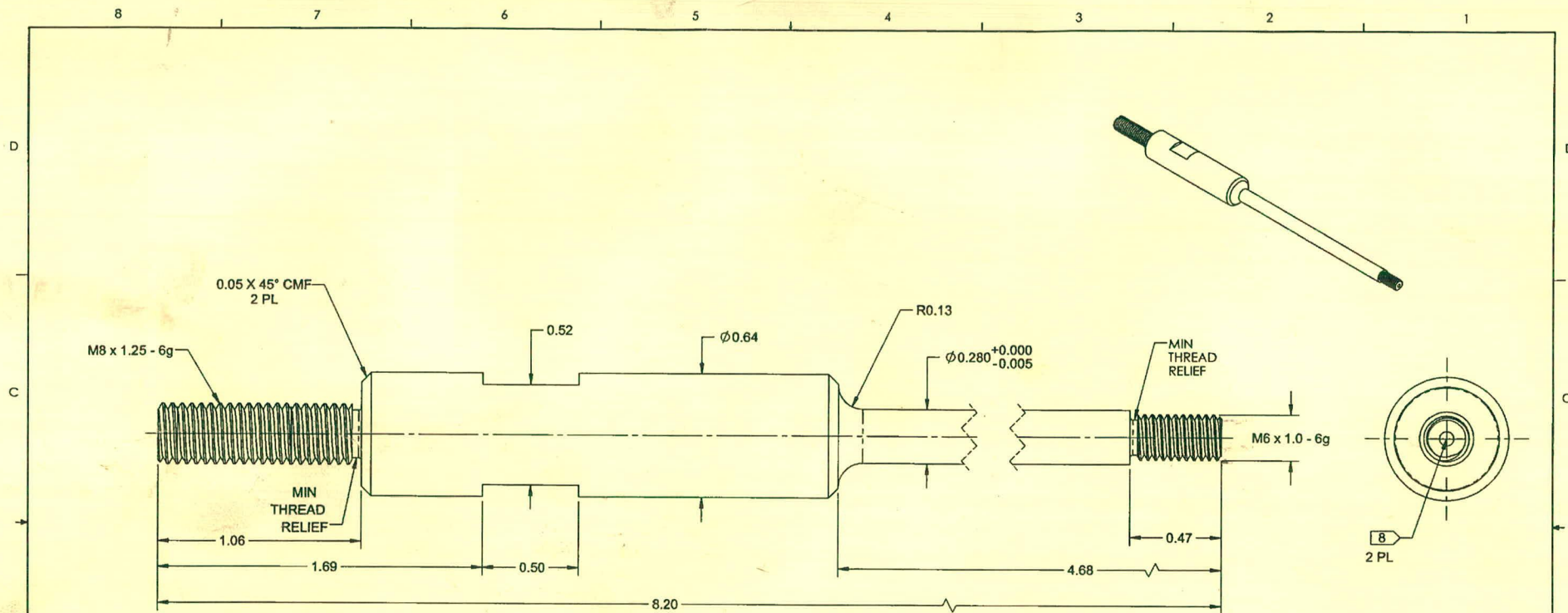
Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

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RBEM652V3002101-M-7_STUD

NOTES:

- 1) MATERIAL: O1 (35-45 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1/2/4 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1"
 X.XX = +/- 0.01" / +/- 0.5"
 X.XXX = +/- 0.005" / +/- 0.1"
 X.XXXX = +/- 0.0005" / +/- 0.05"
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A
- 8) CENTER DRILL IS ACCEPTABLE ON EACH END

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM 03/26/2018	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VM 03/27/2018	TOOL PART #	REV. B
MFG. APPR.	DP 03/27/2018	RBEM652V3002101-M	SHEET 6 OF 17
APPROVED	ML 03/28/2018	TITLE	SCALE
DATE	3/28/2018	TAIL GEAR BOX INPUT SEAL EXCHANGE	NTS
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
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Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041630**

Supplier: ATL002-VC
Atlantic Heat Treat 2001
401 Frankcom
Ajax
ON
L1S R14 Canada
Phone: 866 257 6395

PO No: PO041630
PO Date: 11/6/18
Due Date: 11/16/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	185602	C45-15	1-Issue P/O to ATLANTIC HEAT TREAT; P/O RC 2-Bead blast 3--Material type; 4140 4- Certificate of Conformity is required ***NOTE*** DROP SHIP TO GROUPE ALTECH	Firmed	-	11/16/18	4 pcs	0 pcs	4 pcs	\$40.00/pcs	\$160.00

Line Item Note URGENT **need a day turn over **



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PURCHASE ORDER

PO041630

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
2	185221	269T9281	Wrench, Splined Fitting HEAT TREAT TO RC 25-32 1--Issue P/O to Atlantic ; P/O _____ RC _____ 2-Bead blast 3- Certificate of Conformity is required -Black oxide finish, MIL-C-13964, CLASS 1; MIL-C-16173 GRADE 4 -Certificate of Conformity is required	Firmed	-	11/16/18	6 pcs	0 pcs	6 pcs	\$35.75/pcs	\$214.50
3	177795	RBEM652V3002101-M-7	Stud 1--Issue P/O to Atlantic; P/O _____ RC 35-45 2-Bead blast 3- Certificate of Conformity is required -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	11/16/18	6 pcs	0 pcs	6 pcs	\$35.75/pcs	\$214.50
Grand Total:										\$589.00	

NOV 15 2018

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Dart Aerospace Ltd.
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PURCHASE ORDER PO041630

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/14/18 1:57 PM dart.tsimiklis.chrisoula

Shipping Ticket

Sold To: 1448
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Ship To: 157355
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Page 1 of 1

Purchase Order Number	Packing List No	Customer Job No	Route	Carrier
PO041630				

Quantity	Part No. / Part Name / Part Description	Pounds
✓ 6	PCS MATERIAL 0-1 SAND BLAST & HEAT TREAT TO 35-45RC BLACK OXIDE, C OF C, PRT# RBEM652V3002101-M-7, JOB# 177795 ✓	

Container Type	# Of Containers	Cust Cont Id	Container Type	# Of Containers	Cust Cont Id
BOX	1				

NOTICE: OUR LIABILITY IS LIMITED TO OUR INVOICE CHARGES ONLY

Shipped Complete

Quantity Shipped: 6

Pounds Shipped: 2.00

Order No.: 160243

Shipped Complete

Quantity Shipped: 6.00

Received By:

Date:

Pounds Shipped: 2.00

Sold To: DART AEROSPACE LTD.

Shipped ON: 11/09/2018

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11-12-18

Shipping Order

DATE OF ORDER

DATE OF DELIVERY

DATE OF RECEIPT

DATE OF PAYMENT

DATE OF CANCELLATION

DATE OF RETURN

DATE OF EXPIRATION

DATE OF REDEMPTION

DATE OF REFUND

DATE OF REVERSAL

DATE OF CLOSURE

DATE OF TERMINATION

DATE OF RESCUE

DATE OF RECOVERY

DATE OF REDEMPTION

DATE OF REVERSAL

DATE OF CLOSURE

DATE OF TERMINATION

DATE OF RESCUE

DATE OF RECOVERY

DATE OF REDEMPTION

DATE OF REVERSAL

DATE OF CLOSURE

DATE OF TERMINATION

DATE OF RESCUE

DATE OF RECOVERY

DATE OF REDEMPTION

DATE OF REVERSAL

DATE OF CLOSURE

DATE OF TERMINATION

Certification

Date: 11/12/2018

Entry Date: 11/09/2018

Page: 1 of 1

To:DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: PO041630

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 01

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
6	6PCS MATERIAL 0-1 SAND BLAST & HEAT TREAT TO 35-45RC BLACK OXIDE, C OF C, PRT# RBEM652V3002101M-7, JOB# 177795	2

Insp. Type	Scale	Minimum	Maximum	Number	Other
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Customer Requirements:

Harden rockwell

Results:

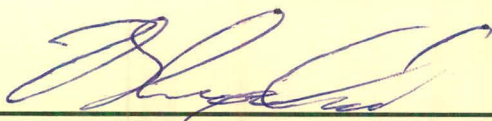
Harden ROCKWE	35.	45.	41.	TESTED AS PER SAMPLING PLAN
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HEAT TREATED TO 41 RC AS PER CUSTOMER REQUEST

BLACK OXIDE AS PER CUSTOMER REQUEST

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STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER. IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE OF CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT. THE FOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.


KEAN SHEPHERD
QUALITY CONTROL
ATLANTIC HEAT TREATING 2001 LTD

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